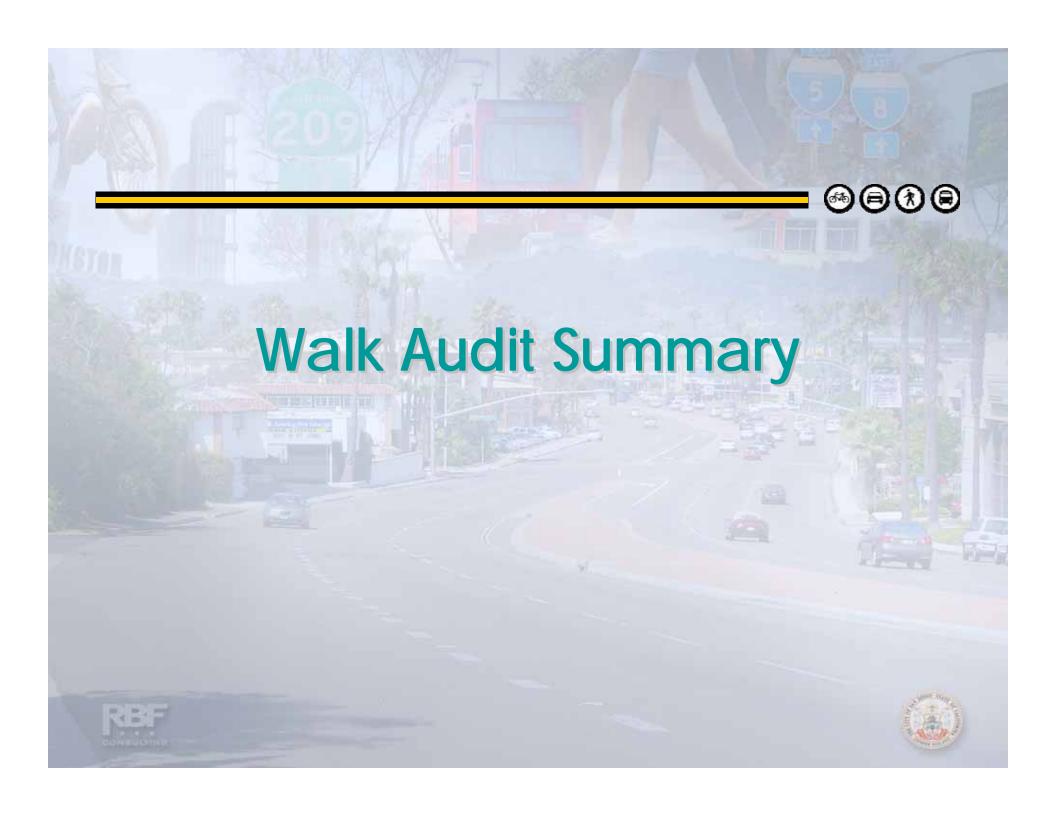


# Agenda



- Call to Order
- Approval of Meeting Minutes
- Walk Audit Summary
- First Meeting Input Review:
  - Review of Mission, Goals & Objectives
  - Review of Issues/Ideas
  - Other Studies Research
  - Project Progress
- Existing Conditions Summary
- Public Comment
- Overview of Workshop







#### **Revised Mission Statement**



- Add context sensitive or community sensitive
- Include urban beautification
- Inclusive of all affected groups (City, Navy, etc.)

The mission of the Rosecrans Corridor Mobility Study Project Working Group is to provide recommendations to the City of San Diego about potential community sensitive solutions to improve *vehicular*, *transit*, *pedestrian*, *and bicycle* mobility in the Rosecrans Corridor study area. The Working Group will serve as a forum for collaboration, the discussion of issues and exchange of ideas between City, military and all affected communities toward improving mobility and promoting urban beautification.



# First Meeting Review (cont)



- Issues/Ideas
- Other Studies Research
  - Community Plans
  - Rosecrans/Midway Signal & Striping Plans (June 2009)
  - Dewey Elementary School Traffic Circulation Evaluation (June 2006)
  - Pacific Highway/Barnett Avenue Bikeway Feasibility Study (June 2007)
  - Traffic Improvements for North Bay and Peninsula (January 2002)
  - North Bay Area Transit Study, Phase II (August 2002)
  - North Bay Area Redevelopment Traffic Study (June 2004)
  - Rosecrans Corridor Study (December 2002)
  - Naval Training Center Traffic Impact Analysis Report and supplemental studies

# **Project Progress**











**Existing Conditions Analysis** 

**Future Conditions Analysis** 

Development of Alternatives

1<sup>st</sup> Workshop



Walk Audits



# **Existing Conditions Assessment**



- Pedestrians/Bicycles
- Traffic Operations
  - Level of Service
  - Speed
  - Travel Time
- Transit



# Goal of Existing Conditions



- Clear understanding of current transportation issues
- Establish baseline for future analysis
- Identify locations for short term improvements



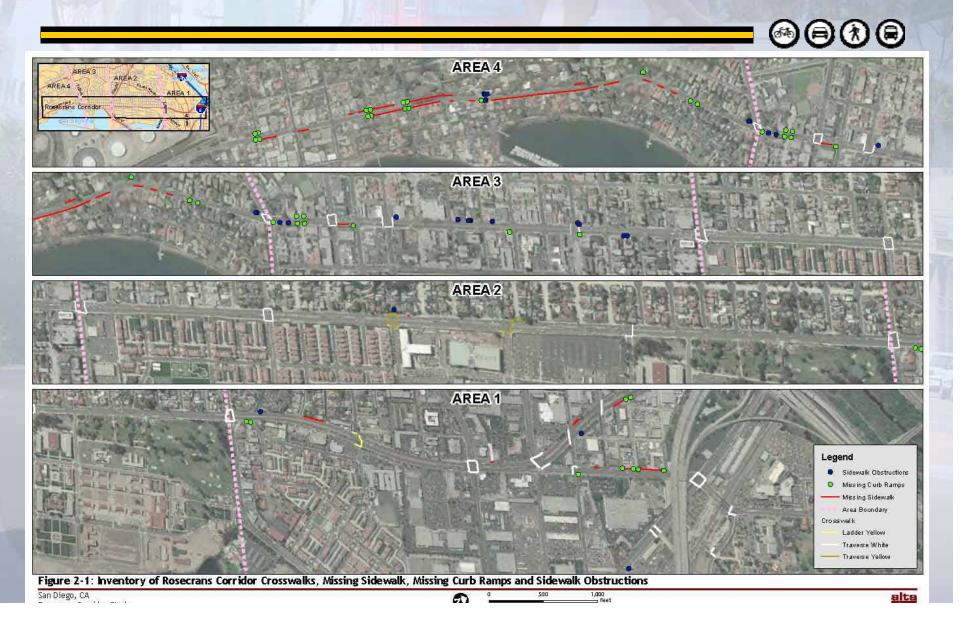


Table 3.1
Rosecrans Corridor 2-Hour AM Peak Period Pedestrian Counts

Intersection	West Leg	North Leg	East Leg	South Leg	Tota
Taylor Street / Congress Street	61	82 (Testr 12)	29 (Singres 31)	15 (febril)	187
Rosecrans Street-Taylor Street / Pacific Highway	34	129 (*eo:tr)	21	61 (Franciscott)	245
Rosecrans Street / Jefferson Street	69 (Allinoxit)	forenesits	O (reference)	O Pomove 21)	70
Rosecrans Street / Moore Street	37 (March 57.)	A Stotenes (2)	O phone(E)	4 (towerst)	45
Rosecrans Street / Hancock Street	30 Provident Stra	0 Foresetts	O (Hamadala)	0 (Rownerch)	30
Rosecrans Street / Kurtz Street	47 Fire (II)	A Provinces (II)	21 (68:90)	2 Firmter(it)	74
Rosecrans Street / Sports Arena Boulevard- Camino del Rio*	9 Sport Assulted	9 Forecast (t)	45 (Section Res)	18 Firm(exit)	100
Rosecrans Street / Midway Drive	18 phileerits	14 (Rinecons St.)	27 (Mbey Cr)	25 (forecests)	84
Rosecrans Street / N. Evergreen Street	8 (Enegraeist)	6 Foreces Str.	5 Separiti	O Prompty It i	19
Rosecrans Street / Lytton Street	8 (4)((1)(1)(1)	0 Fineterials	0 £/m=31)	3 (Foregree (II)	11
Rosecrans Street / Roosevelt Road	0	15 Foreign (t)	11 (Excessed Vita)	2 (formered)	28
Rosecrans Street / Curtis Street	9	O (Simple of St.)	0	O (Francisco (III)	9
Rosecrans Street / Womble Road		82 American (II)	12 (Numberla)	0 Flamber(31)	94
Rosecrans Street / Xenophon Street	17 (romenoids)	O Porement Sto		0 #towneritj	17
Rosecrans Street / Farragut Road-Voltaire Street	4 (Voteropt)	5 Powers Its	17 (Ferentiit)	12 Promove tr.)	38
Rosecrans Street / Russell Street-Laning Road	O (Numb 21)	O (Financial)	t.englist	firmer(II)	2
Rosecrans Street / Oliphant Street	8 YOUNHOU	D Function (II)	8	0 Firmers Ity	16
Rosecrans Street / Macualay Street	18 (Machine) (1)	finenes (II)	5 (W)	3 (Francisco)	27
Rosecrans Street / Nimitz Boulevard	23 (Nintribit)	14 Planter (II)	24 (tentration)	19 Flowter II)	80
Rosecrans Street / Jarvis Street	23 sterio (tr)	B Poweres (ts)	9 (74/451)	11 Filminate (1)	51
Rosecrans Street / N. Harbor Drive-Hugo Street	14 (Nat/31)	13 Powreniti	16 Pearts	13 (Filled and III)	56
Rosecrans Street / Garrison Street	11 (Gertine (II.)	0 (Foliation (II)	0 (524500-37)	0 Flueteriti	11
Rosecrans Street / Carleton Street	25 Centriii	16 Fineres Str	11 (Generalit)	13 France (1)	65
Rosecrans Street / Shelter Island Drive-Byron Street	10 #rese(tr)	11 Powerer its	14 dhetroedri	13 (Etimorani (II)	48

Rosecrans Corridor Study

June 30, 2009

#### **Pedestrians**



#### Top 6 locations:

- Pacific Highway (480)
- Sports Arena (345)
- Midway (279)
- Hancock (241)
- Nimitz (198)
- Womble (133)





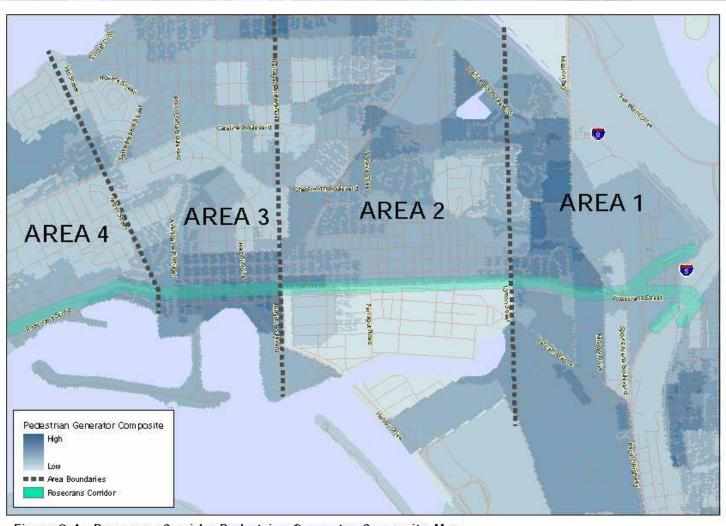


Figure 3-4: Rosecrans Corridor Pedestrian Generator Composite Map



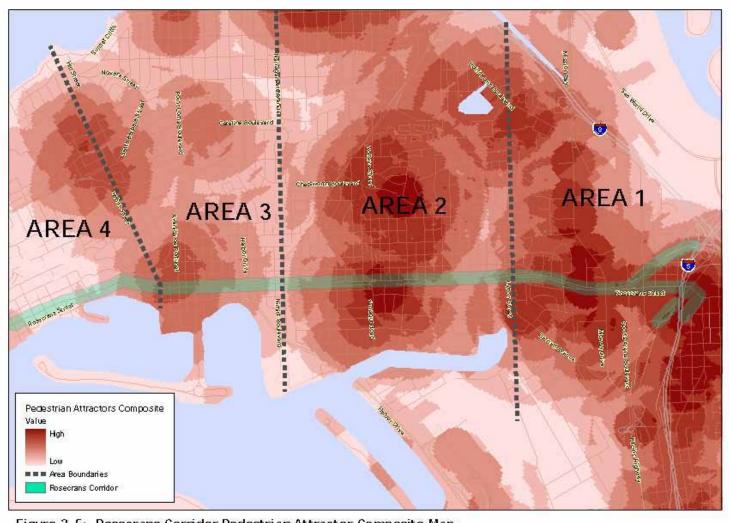


Figure 3-5: Rosecrans Corridor Pedestrian Attractor Composite Map



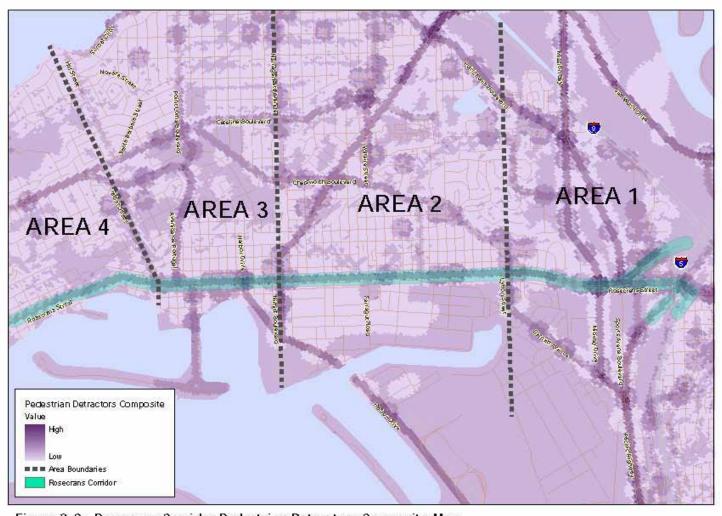


Figure 3-6: Rosecrans Corridor Pedestrian Detractors Composite Map

San Diego, CA aus us alta



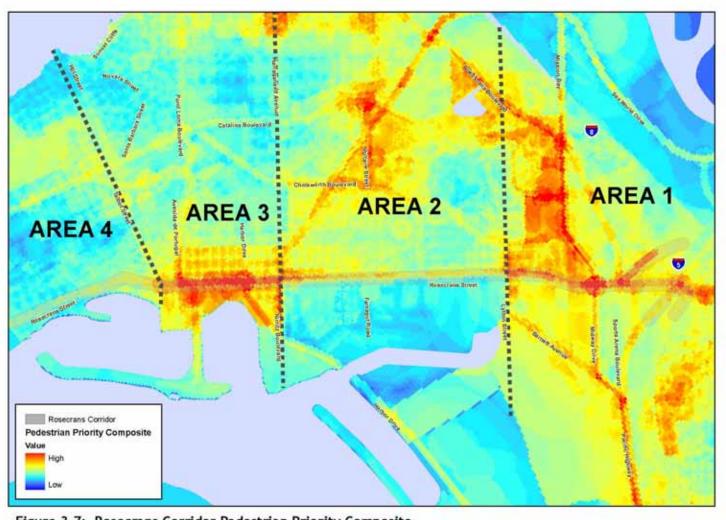


Figure 3-7: Rosecrans Corridor Pedestrian Priority Composite

San Diego, CA as alta



alta

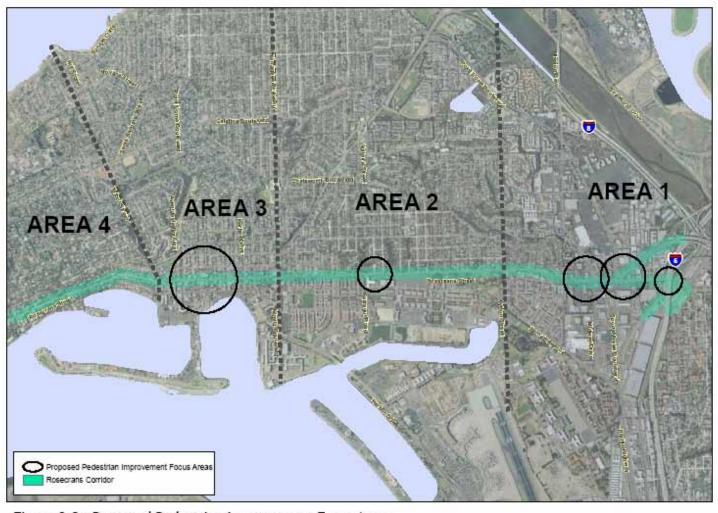


Figure 3-8: Proposed Pedestrian Improvement Focus Areas

San Diego, CA azs as

## Rock Church













The intersection of Womble Road and Tractum Road in between The Rock

#### Table 3.5 Rosecrans Street / Womble Road Intersection Comparison of Pedestrian Counts

Pedestrian Peak Period	West Leg	North Leg	East Leg	South Leg	Total
AM Peak Period (6:30am – 8:30am)		82 (Rosecrans St.)	12 (Womble Rd.)	0 @coscrantStj	94
PM Peak Period (4:00pm – 6:00pm)		32 (Rosecrate St.)	7 (Morreki Rd.)	0 #coscraruSt)	39
Rock Church Peak Period (5:30pm – 7:30pm)		15 (Rosecrate St.)	25 (Woman Rd.)	0 (Roseczane St.)	40
TOTAL		129	44	0	173







Students in the morning coming the Corridor along Womble Road after alighting the his mate 28.





Transit riding students after school accessing the bus mute 28.

# High Tech High





Rosecrans Street / Lytton Street	(Lytton St.)	(Rosecrans St.)	(Lytton St.)	(Rosecrans St.)	
Rosecrans Street / Roosevelt Road	0	15 (Rosecrans St.)	11 (Roosevelt Rd.)	2 (Rosecrans St.)	28
Rosecrans Street / Curtis Street	9	0	0	O proseurans ou /	9
Rosecrans Street / Womble Road	(controlly)	82 (Rosecrans St.)	12 (Womble Rd.)	0 (Rosecrans St.)	94
Rosecrans Street / Xenophon Street	1/ (Xenophon:St.)	(Rosecrans St.)		(Rosecrans St.)	17
Rosecrans Street / Farragut Road-Voltaire Street	4 (VoltaireSt.)	5 (Rosecrans St.)	17 (FarragutRd.)	12 (Rosecrans St.)	38
Rosecrans Street / Russell Street-Laning Road	0	0	1	1	2

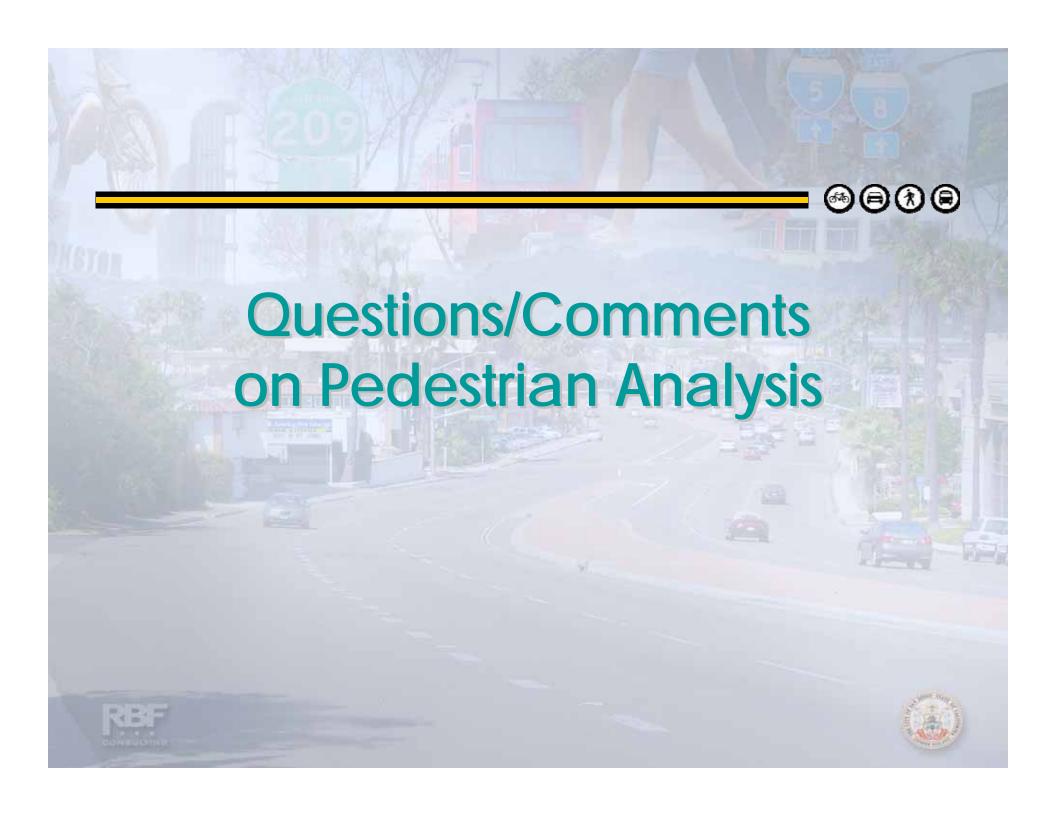






Figure 4-1: Rosecrans Corridor Bicycle Facilities





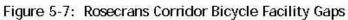


Table 5.2 Rosecrans Corridor 2-Hour PM Peak Period Bicycle Counts

Intersection	West Leg (NBISB)	North Leg (WB/EB)	East Leg (NB/SB)	South Leg (WB/EB)	Total
Taylor Street / Congress Street	9/12	4/0 (SartrSt)	18/2 (Grapes St.)	V1 /Fairch	47
Rosecrans Street-Taylor Street / Pacific Coast Highway	9/12	21/2 (Tel9/30)	15/3 #04	1/9 (fineres (t)	72
Rosecrans Street / Jefferson Street	7/28	Q/O (Flowersen St).	4/1 (Minus)t)	O/O (Finance III)	40
Rosecrans Street / Moore Street	4/20 (Mostal)	O/O (flowrone St)	20/2 (franch)	O/O (Floreces IV)	46
Rosecrans Street / Hancock Street	1/1 Plantatility	0/0 ///cerent///	20/5 (romonit)	0/0 Filmener (F)	27
Rosecrans Street / Kurtz Street	2/3 (Furth St.)	29/1 Foxeredti	3/0 (Nutrit)	3/15 (Fineres 50)	56
Rosecrans Street / Sports Arena Boulevard- Camino del Ro*	2/3 Stanta Remarkaci	2/2 (Floreign II)	64 (Dott.Availed)	6/13 Prosteciti	43
Rosecrans Street / Midway Drive	3/7 (MarerO1)	5/4 Filterine (II)	8/3 (Miley (h)	Q/7 Powerpre (1)	37
Rosecrans Street / N. Evergreen Street	2/5	0/2 Planeters SU	3/1 (Exprend)	0/1 Foreign (/)	14
Rosecrans Street / Lytton Street	0/3	1/0 Filosopo (K)	2/0 6,rb=(x)	1/3 Foreign (f)	10
Rosecrans Street / Roosevelt Road	2/1	0/2 Pitescore Iti	7/2 (Passed Fall)	0/0 (Filmsters 07)	14
Rosecrans Street / Curtis Street	0/1 (Cart (V)	0/0 Florenso (I)	0/0	O/O (Flowers It)	1
Rosecrans Street / Womble Road		2/2 Florecastry	6/1 (WorderRd)	0/0 Floreceicit)	11
Rosecrans Street / Xenophon Street	0/6 ///maphon/k/	0/0 (Flowers St)		0/0 (Florester (K)	6
Rosecrans Street / Farragut Road-Voltaire Street	0/9 (interest)	0/0 Plostandii	10/0 (Fanaporitor)	O/O (Fillmetare SII.)	19
Rosecrans Street / Russell Street-Laning Road	0/1 (Futo#21)	5/0 Fitteeten (II)	11/0 Early Rd J	0/20 (Floroset St.)	37
Rosecrans Street / Oliphant Street	0/3 (Danyet)()	O/O FilesconsSty	11/0	0/0 (Filled and 37)	14
Rosecrans Street / Macualay Street	1/4 diterate (IV)	0/0 Filtretres St)	6/2 (H)	O/1 Plowings (II)	14
Rosecrans Street / Nimitz Boulevard	0/2 point (Hel)	12/1 Planeture (1)	6/2 (Nant: (Not.)	0/8 Filmsters (1)	31
Rosecrans Street / Jarvis Street	O/O (classic Str)	9/0 Powerwesti	0/0 //www.ltt)	O/1 Favoresto	10
Rosecrans Street / N. Harbor Drive-Hugo Street	0/2 (North)	O/O Florerand Sty	3/0 (Heloritic)	0/4 Finneres (II)	9
Rosecrans Street / Garrison Street	0/3 (Gerbonik)	O/O Financian (t)	11/0 (Gentlem St.)	0/0 Firefren (t)	14
Rosecrans Street / Carleton Street	1/1 Calebratic	1/0 Fineten III	5/4 (Celebrate)	1/0 Filmore (r)	13



#### Top 6 locations:

- Pacific Highway (102)
- Kurtz (82)
- Laning (75)
- Moore (74)
- Sports Arena (63)
- Nimitz (62)





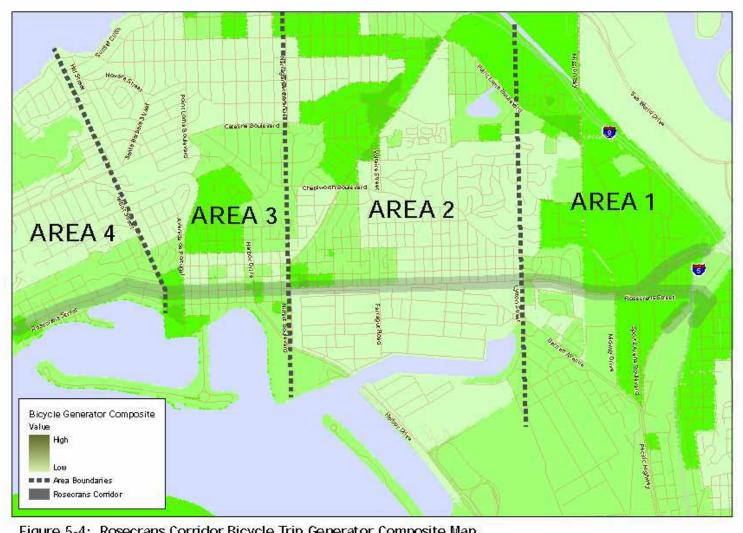
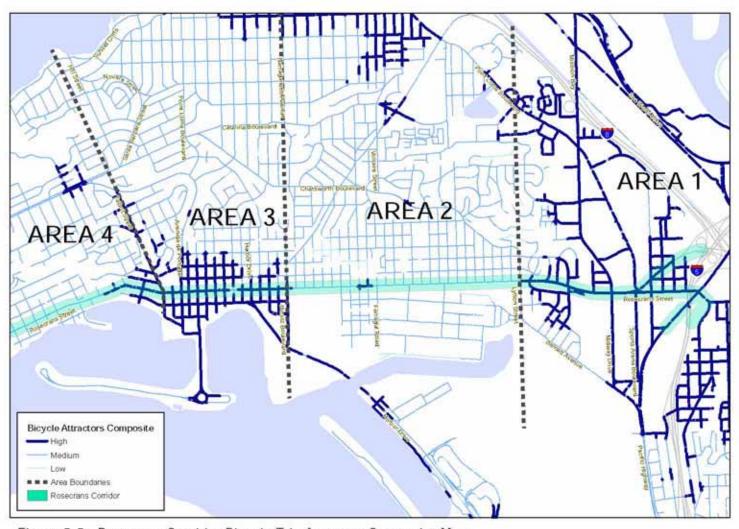


Figure 5-4: Rosecrans Corridor Bicycle Trip Generator Composite Map











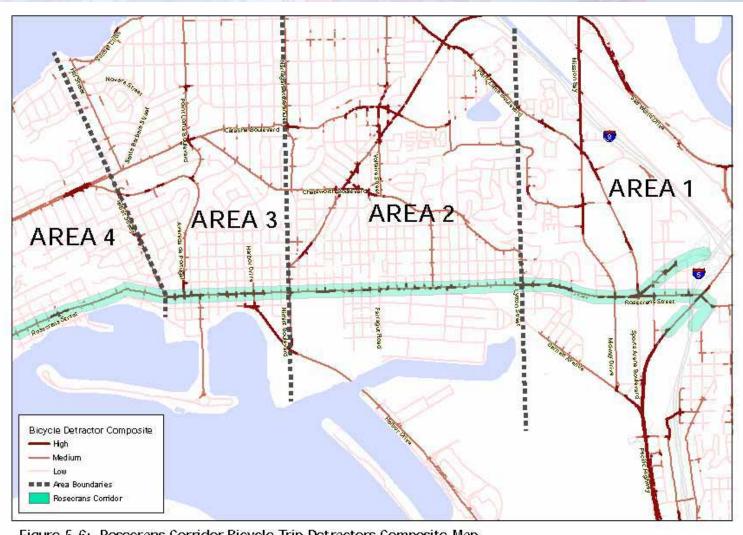
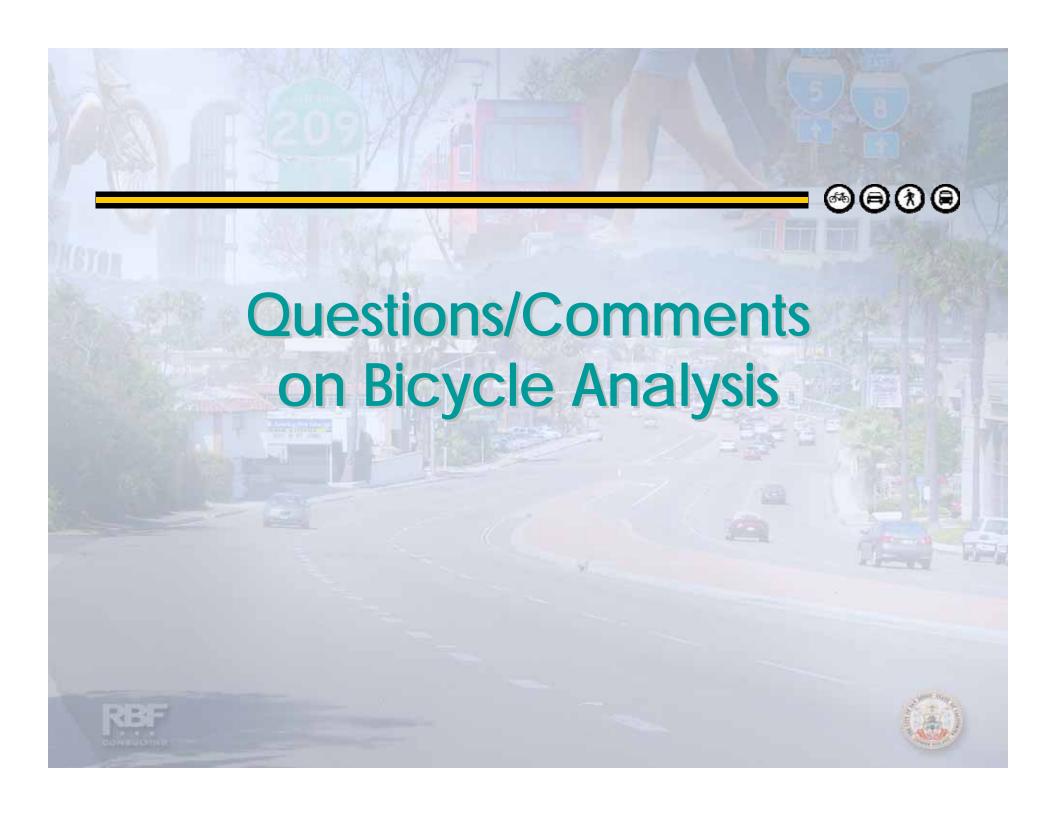


Figure 5-6: Rosecrans Corridor Bicycle Trip Detractors Composite Map





Figure 5-6: Rosecrans Corridor Bicycle Project Need Locations





# Traffic: NB Approaching Sports Arena ®



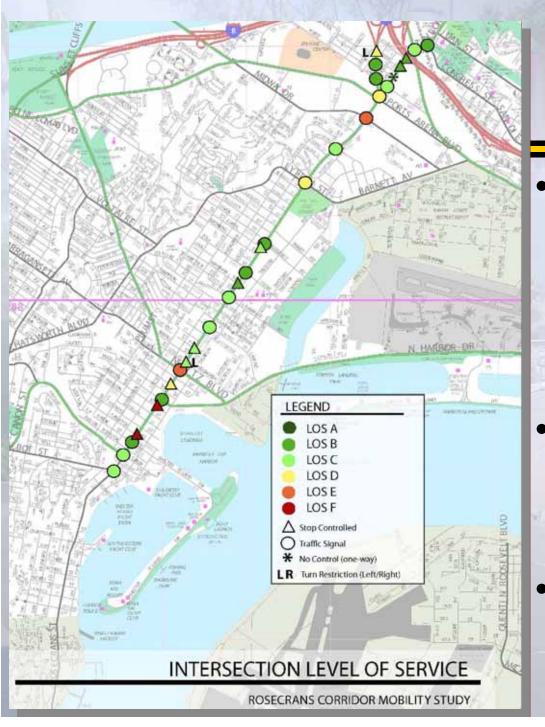


# Traffic: SB Approaching Sports Arena (a)







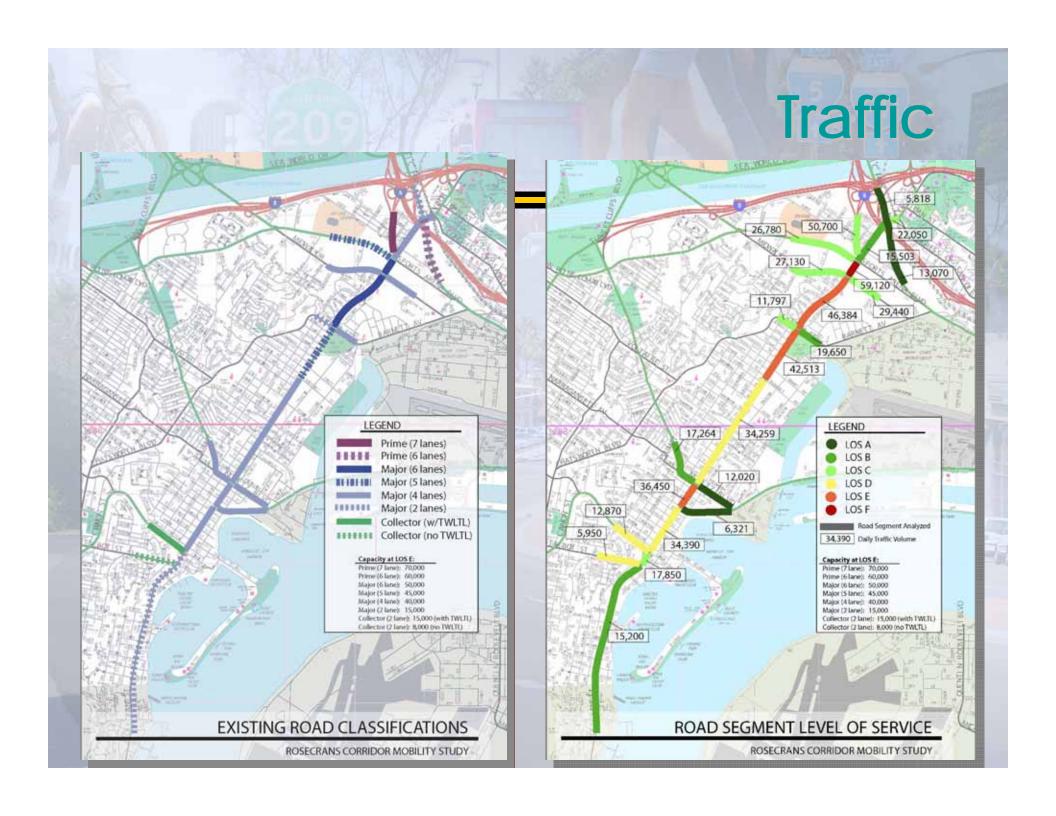


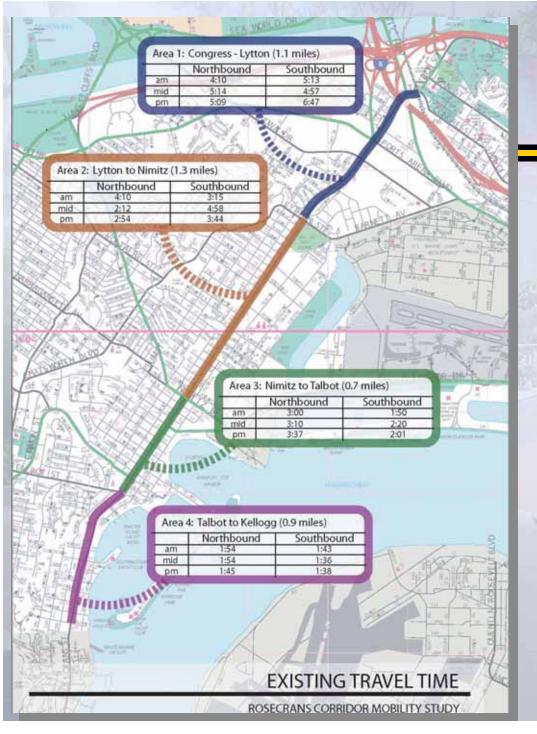
#### **Traffic**



- · LOS D:
  - Sports Arena (signal)
  - Lytton (signal)
  - Jarvis (stop)
  - CDR / Moore (stop)
- LOS E:
  - Midway (signal)
  - Nimitz (signal)
- LOS F:
  - Garrison (stop)
  - Carleton (stop)







#### **Traffic**



- Corridor Length:
  - 4 miles
- Average Travel Time:
  - Northbound:
    - AM: 12:29 (20 mph)
    - MID: 12:30 (20 mph)
    - PM: 13:25 (18 mph)
  - Southbound:
    - AM: 12:01 (20 mph)
    - MID: 13:51 (17 mph)
    - PM: 14:10 (17 mph)

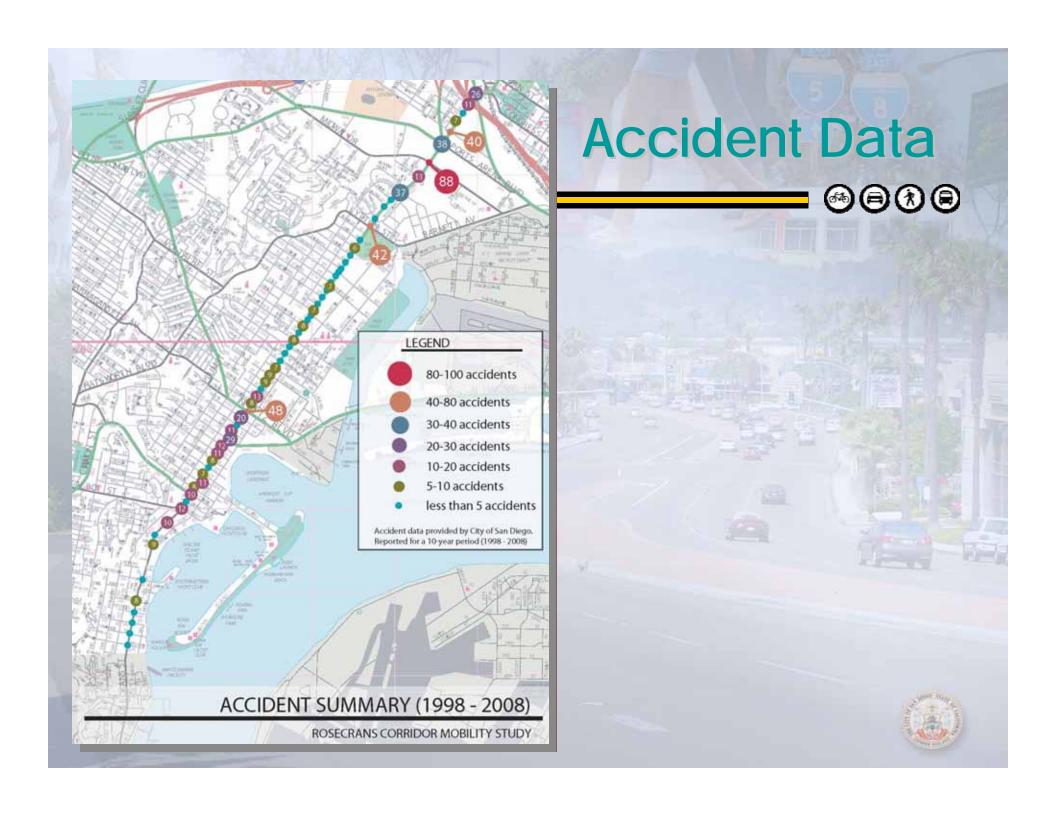
#### 40 mph 47 mph Posted Posted: 40 mph 40 mph 40 mph 44 mph Posted: Posted: 40 mph 40 mph 43 mph 39 mph Posted: Posted: 40 mph 38 mph 41 mph Posted: Posted: 40 mph 30 mph 37 mph 38 mph 30 mph Posted: 35 mph 30 mph 36 mph 30 mph 37 mph **EXISTING 85th PERCENTILE SPEED** ROSECRANS CORRIDOR MOBILITY STUDY

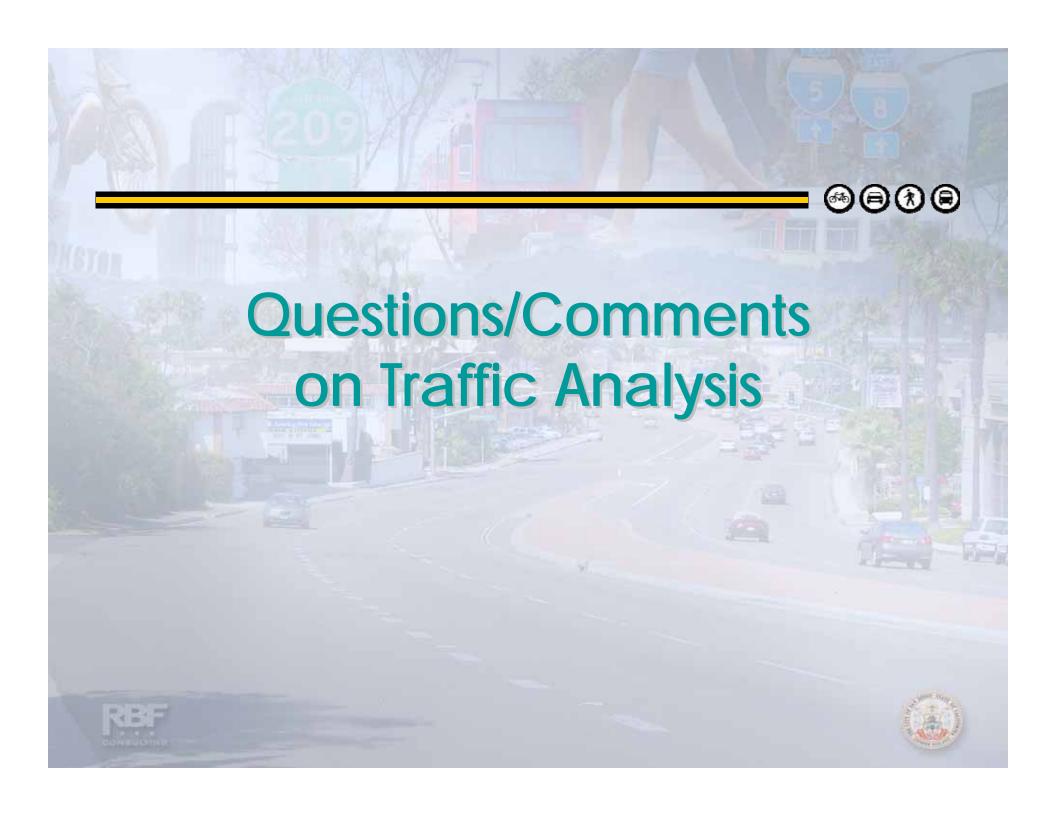
#### **Traffic**



- Exceeding 85<sup>th</sup>
   Percentile by 5 mph or more:
  - Midway Lytton
  - Talbot to Kona
  - Kona to Kellogg
- Speed Reduction?
  - Nimitz to Talbot (35 mph)

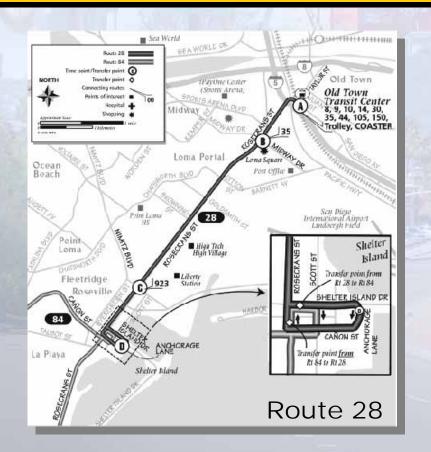


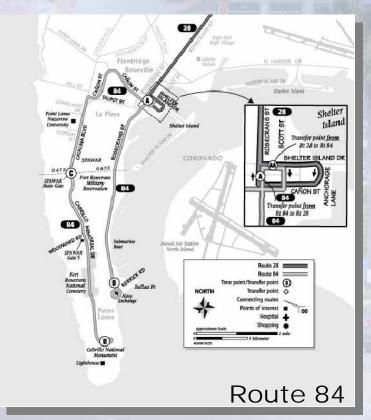




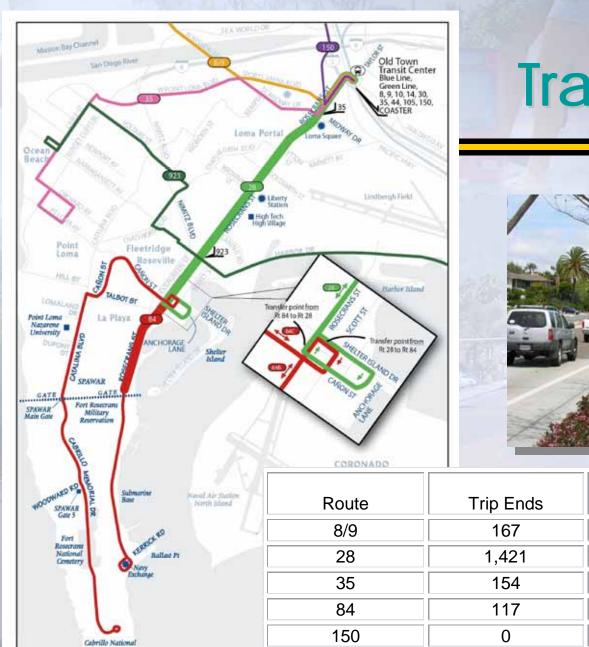
#### **Transit**











Manument Lighthouse #

#### **Transit**





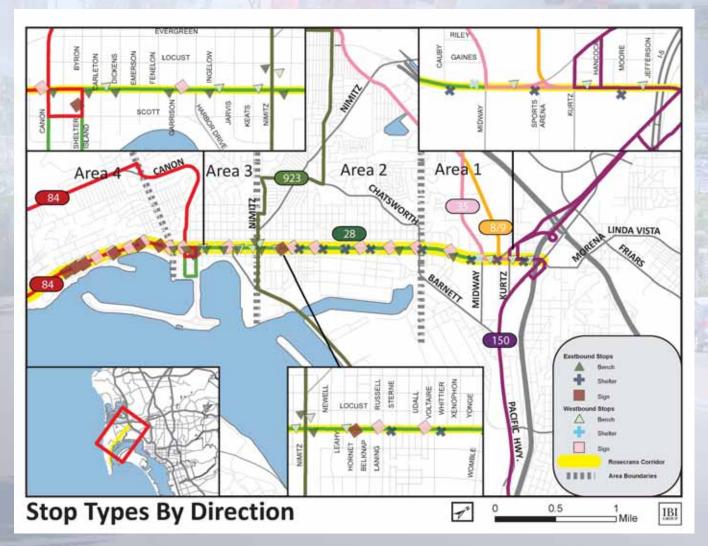


LURUNADU		
Route	Trip Ends	% of Rosecrans Corridor Routes
8/9	167	8.2
28	1,421	69.8
35	154	7.6
84	117	5.7
150	0	0
923	176	8.6



## **Transit Stops**

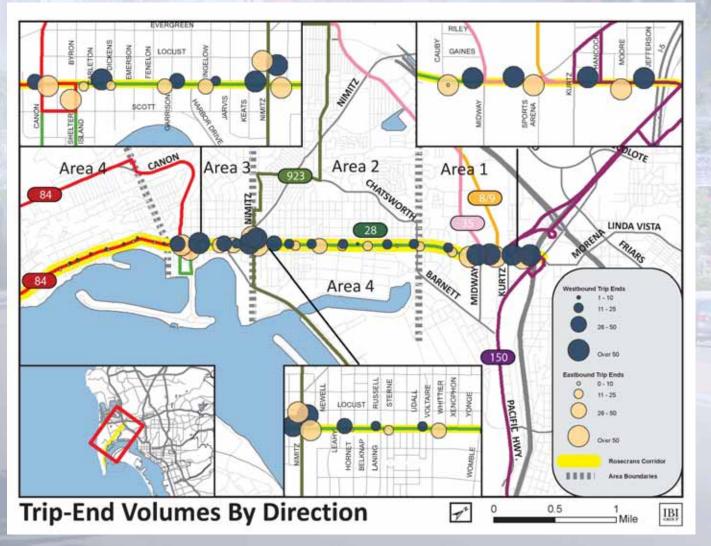






## **Highest Volume Stops**







### Operations/Issues



- High levels of demand are experienced on weekdays at High Tech High School in Liberty Station.
- Tripper buses have been added to Route 28 in both directions to provide additional capacity for the high school.
- Demand on Sundays to the shopping opportunities at Liberty Station is high.
- Routes 28 and 923 transfer at Rosecrans/Nimitz Boulevard is an issue.



#### **On-Time Performance**

**69 9 9** 

On time performance doesn't meet Urban Goals (85%)

Route 28: 77% EB, 90% WB

Route 84: 91% EB, 73% WB

Route 923: 91% EB, 65% WB

- Signal priority and/or queue jumps may help on-time performance at:
  - Midway Drive (both directions)
  - Lytton (westbound)
  - Nimitz (both directions)
  - North Harbor Drive (both directions)
- Extending the existing transit lane approximately 200 feet on Rosecrans Street would help buses bypass queuing that occurs at certain times of day.

# **Existing Transit Lane**

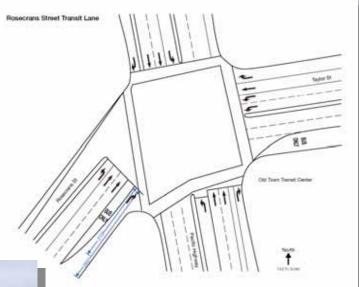
















## Route/Stop Changes



- Interest expressed in extending Route 28 to serve Shelter Island. At this time, the funds are not available.
- Route 84 service to the Sub Base and the Cabrillo National Monument may be cancelled in the future.
- Stop on east side of Rosecrans removed at Talbot Street
- Rosecrans Team investigating stop location at Voltare







# Community Workshop











The City of San Diego is embarking on a mobility assessment for Rosecrans Street from Carnino del Rio to Kellogg Street. The goal of the project is to identify key short-term and long-term transportation projects that will address walkability, bicycling, access to transit and traffic flow along the corridor. Over the next several months, the City will be holding three workshops to discuss the project with the community. These workshops are geared toward understanding the community's concerns about the existing transportation facilities and identifying solutions to help improve mobility along Rosecrans Street.

#### Please join us at the first Community Workshop:

July 22nd, 2009 6:00 - 8:00 p.m.

**Point Loma Nazarene University Cunningham Dining Room** 3900 Lomaland Drive San Diego, CA 92106



If you would like additional information about the project, please contact:

Dawn Wilson **RBF** Consulting 760.476.9193

On behalf of the City of San Diego, we look forward to your participation in this upcoming workshop!



#### Workshop Approach

- Welcome
- Background & Information
- Handheld Polling: Who Is In the Room?
- Post-It Note Exercise: Concerns/Ideas
  - Responses organized on wall by area
- Overview of Existing Conditions
- Small Group Mapping: Concerns/Ideas
  - Separated by corridor area
- Summary & Discussion
  - Review Post-Its
  - Volunteers from small groups
- Closing & Next Steps





### Workshop Goals

**⊕⊕3⊕** 

- Provide project information
- Understand stakeholders
- Identify their perspectives on issues and opportunities
- Build trust & confidence in process
- Generate enthusiasm!







# Upcoming Meetings

**⊕⊕⊕** 

Walk Audits (Community):

- Area 1: Thursday July 30<sup>th</sup> (4:30 p.m.)

- Area 2: Sunday August 2<sup>nd</sup> (9:45 a.m.)

Area 3: Wednesday August 5<sup>th</sup> (4:00 p.m.)

• PWG Meeting: August 17th (6:45 p.m.)

- Topic: Future Analysis & Alternatives

